Inductor Data Sheet

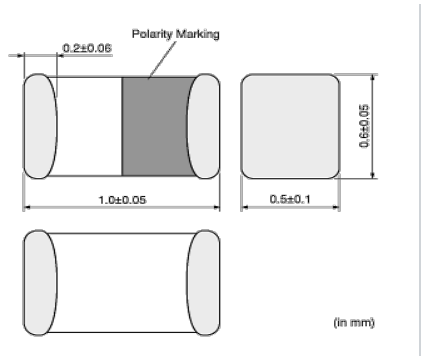
LQG15WZ7N3G02#

"#" indicates a package specification code.

In Production | Info-tainment | AEC-Q200 | 125 °C max. | Multi-layer | High Q | Tight Tolerance | Reflow OK | RoHS | REACH

< List of part numbers with package codes >
LQG15WZ7N3G02D , LQG15WZ7N3G02J , LQG15WZ7N3G02B

Shape



L size	1.0 ±0.05mm
W size	0.6 ±0.05mm
T size	0.5 ±0.1mm
Size code in inch (mm)	0402 (1005)

References

Packaging code	Specifications	Minimum quantity
D	φ180mm Paper taping	10000
J	φ330mm Paper taping	40000
B	Packing in bulk	100

Mass (Typ.)	
1 piece	0.001g

Specifications

Inductance	7.3nH ±2%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	600mA
Max. of DC resistance	0.17Ω
Q (min.)	23
Q test frequency	250MHz
Self resonance frequency (min.)	4000MHz
Operating temperature range (Self-temperature rise is not included)	-55～125℃
Series	LQG15WZ_02

Attention

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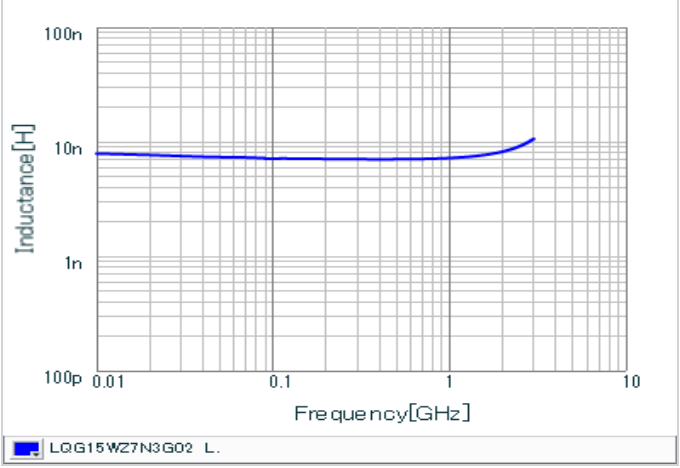
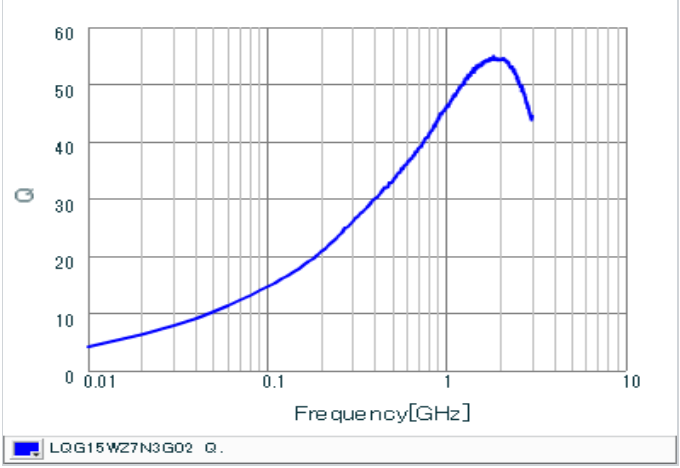
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

- Inductance-Frequency characteristics (Typ.)



- Q-Frequency characteristics (Typ.)



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